

Abstract

A carrier having a specific structure, characterized in that it has alumina and, optionally, a substance liable to react with an alkali metal and/or an alkaline earth metal both used as a catalyst component and/or an alkali metal and/or an alkaline earth metal, which are disposed in the carrier or on the cell wall surface of the carrier; a method for production of the carrier; and a catalyst body comprising the carrier and a catalytic material coated thereon. The use of the carrier allows production of a catalyst body which comprises the carrier and a catalytic material coated thereon, containing an alkali metal and/or an alkaline earth metal, such as Li, Na, K, Ca or the like and which is less susceptible to the deterioration of the carrier caused by the above metal even when used over a long period of time.